

# Piston drive DFPK-75-20-D-V4

Part number: 8083966

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Size of valve actuator                            | 75  |
| Stroke  | 20 mm   |
| Mounting position                                 | Any   |
| Position detection                                | Via mechanical indicator  |
| Control function                                  | Double-acting   |
| Operating pressure                                | 0.5 MPa ... 1 MPa   |
| Operating pressure                                | 5 bar ... 10 bar  |
| Operating pressure                                | 72.5 psi ... 145 psi  |
| CE mark (see declaration of conformity)           | To EU Explosion Protection Directive (ATEX)   |
| UKCA marking (see declaration of conformity)      | To UK EX instructions   |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB)  |
| Explosion protection                              | Zone 1 (ATEX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| ATEX category gas                                 | II 2G   |
| ATEX category dust                                | II 2D   |
| Explosion ignition protection type for gas        | Ex h IIC T6...T4 Gb   |
| Explosion ignition protection type for dust       | Ex h IIIC T80°C...T120°C Db   |
| Explosion ambient temperature                     | 0°C ≤ Ta ≤ +60°C  |
| Operating medium                                  | Compressed air to ISO 8573-1:2010 [7:4:4]   |
| LABS (PWIS) conformity                            | VDMA24364 zone III  |
| Storage temperature                               | -10 °C ... 60 °C  |
| Degree of protection                              | IP65<br>IP67<br>IP69K   |
| Ambient temperature                               | 0 °C ... 60 °C  |
| Product weight                                    | 2412 g  |
| Pneumatic connection                              | Female thread G1/8  |
| Note on materials                                 | RoHS compliant  |
| Material cover                                    | Cast stainless steel  |
| Material seals                                    | Fluoro rubber   |
| Material housing                                  | Cast stainless steel  |
| Material number housing                           | 1,4408  |
| Material piston rod                               | High-alloy stainless steel  |